

ColorWash 575E AT Zoom - DMX Protocol-version 1.0

| Mode/Channel | | | | Value | Function | Type of control |
|--------------|---|---|---|-----------|--|-----------------|
| 1 | 2 | 3 | 4 | | | |
| 1 | 1 | 1 | 1 | 0 - 255 | Pan Pan movement by 530° | proportional |
| 2 | 2 | 2 | 2 | 0 - 255 | Pan Fine Fine control of pan movement | proportional |
| 3 | 3 | 3 | 3 | 0 - 255 | Tilt Tilt movement by 280° | proportional |
| 4 | 4 | 4 | 4 | 0 - 255 | Tilt fine Fine control of tilt movement | proportional |
| 5 | 5 | 5 | 5 | 0 | Pan/Tilt speed , Pan/Tilt time Max. speed (tracking mode) | step |
| | | | | 1 - 255 | <u>P./T. speed-set Speed Mode in menu: Pan/Tilt Mode</u> Speed from max. to min. (vector mode) | proportional |
| | | | | 1 - 255 | <u>P./T. time - set Time Mode in menu: Pan/Tilt Mode</u> Time from 0,1 s to 25,5 s. * | proportional |
| 6 | 6 | 6 | 6 | 0 - 49 | Power/Special functions Reserved <i>To activate following functions, stop in DMX value for at least 3 s and shutter must be closed at least 3 s. („Shutter, Strobe” channel 17 (15,19,17) must be at range: 0-31 DMX). **</i> | step |
| | | | | 50 - 59 | Pan/Tilt speed mode | step |
| | | | | 60 - 69 | Pan/Tilt time mode | step |
| | | | | 70 - 79 | Blackout while pan/tilt moving | step |
| | | | | 80 - 89 | Disabled blackout while pan/tilt moving | step |
| | | | | 90 - 99 | Blackout while colour wheel moving | step |
| | | | | 100 - 109 | Disabled blackout while colour wheel moving | step |
| | | | | 110 - 129 | Reserved <i>To activate following functions, stop in DMX value for at least 3 s.</i> | step |
| | | | | 130 - 139 | Lamp On,reset(total reset except pan/tilt reset) | step |
| | | | | 140 - 149 | Pan/Tilt reset | step |
| | | | | 150 - 159 | Colour system reset | step |
| | | | | 160 - 169 | Reserved | step |
| | | | | 170 - 179 | Dimmer/Strobe reset | step |
| | | | | 180 - 189 | Zoom module reset | step |
| | | | | 190 - 199 | Reserved | step |
| | | | | 200 - 209 | Total reset | step |
| | | | | 210 - 229 | Reserved | step |
| | | | | 230 - 239 | Lamp Off | step |
| | | | | 240 - 255 | Reserved | step |
| | | 7 | 7 | 0 - 9 | Pan/Tilt macro selection Disabled pan/tilt macro | step |
| | | | | 10 - 31 | Reserved | step |
| | | | | 32 - 63 | Figure of circle (from small to large) | proportional |
| | | | | 64 - 95 | Figure of horizontal eight (from small to large) | proportional |
| | | | | 96 - 127 | Figure of vertical eight (from small to large) | proportional |
| | | | | 128 - 159 | Figure of rectangle (from small to large) | proportional |
| | | | | 160 - 191 | Figure of triangle (from small to large) | proportional |
| | | | | 192 - 223 | Figure of star (from small to large) | proportional |
| | | | | 224 - 255 | Figure of cross (from small to large) | proportional |
| | | 8 | 8 | | Pan/Tilt macro speed <i>(Set pan/tilt speed (channel 5) to 0)</i> | |
| | | | | 0 | No macro generation | step |
| | | | | 1 - 127 | Macro generation from fast to slow-forwards | proportional |
| | | | | 128 - 129 | No macro generation | step |
| | | | | 130 - 255 | Macro generation from slow to fast-backwards | proportional |

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| 1 | 2 | 3 | 4 | | | |
| 7 | 7 | 9 | 9 | 0 | Colour wheel | proportional |
| | | | | 21 | <u>Continual positioning</u> Open/white | |
| | | | | 43 | Deep red | |
| | | | | 64 | Deep blue | |
| | | | | 85 | Green | |
| | | | | 107 | 6000K correction filter | |
| | | | | 128-129 | UV filter | |
| | | | | | White | proportional |
| | | | | | <u>Positioning</u> | |
| | | | | 130-141 | Deep red | |
| | | | | 142-153 | Deep blue | |
| | | | | 154-165 | Green | |
| | | | | 166-177 | 6000K correction filter | |
| | | | | 178-189 | UV filter | |
| | | | | 190 - 215 | Forwards rainbow effect from fast to slow | proportional |
| | | | | 216 - 217 | No rotation | |
| | | | | 218 - 243 | Backwards rainbow effect from slow to fast | proportional |
| | | | | 244 - 249 | Random colour selection by audio control | |
| | | | | | (Set microphone sensitivity in menu „Personality“) | step |
| | | | | 250 - 255 | Auto random colour selection from fast to slow | |
| 8 | | 10 | | 0 - 255 | Colour wheel - fine positioning Fine positioning | proportional |
| 9 | 8 | 11 | 10 | 0 - 255 | Cyan Cyan (0-white, 255-full cyan) | proportional |
| 10 | 9 | 12 | 11 | 0 - 255 | Magenta Magenta (0-white, 255-full magenta) | proportional |
| 11 | 10 | 13 | 12 | 0 - 255 | Yellow Yellow (0-white, 255-full yellow) | proportional |
| 12 | 11 | 14 | 13 | 0 - 255 | Colour temperature filter (0-7200K, 255-3200K) | proportional |
| 13 | 12 | 15 | 14 | 0 - 255 | Speed of CMY and conv.temp. filter Speed from max. (0) to min.(255) | proportional |
| 14 | 13 | 16 | 15 | 0 - 7 | CMY colour macros No function | step |
| | | | | 8 - 15 | Macro 1 | step |
| | | | | 16 -23 | Macro 2 | step |
| | | | | 24-31 | Macro 3 | step |
| | | | | 32-39 | Macro 4 | step |
| | | | | 40-47 | Macro 5 | step |
| | | | | 48-55 | Macro 6 | step |
| | | | | 56-63 | Macro 7 | step |
| | | | | 64-71 | Macro 8 | step |
| | | | | 72-79 | Macro 9 | step |
| | | | | 80-87 | Macro 10 | step |
| | | | | 88-95 | Macro 11 | step |
| | | | | 96-103 | Macro 12 | step |
| | | | | 104-111 | Macro 13 | step |
| | | | | 112-119 | Macro 14 | step |
| | | | | 120-127 | Macro 15 | step |
| | | | | 128-135 | Macro 16 | step |
| | | | | 136-143 | Macro 17 | step |
| | | | | 144-151 | Macro 18 | step |
| | | | | 152-159 | Macro 19 | step |
| | | | | 160-167 | Macro 20 | step |
| | | | | 168-175 | Macro 21 | step |
| | | | | 176-183 | Macro 22 | step |

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| 1 | 2 | 3 | 4 | | | |
| 14 | 13 | 16 | 15 | 184-191 | Macro 23 | step |
| | | | | 192-199 | Macro 24 | step |
| | | | | 200 - 207 | Macro 25 | step |
| | | | | 208 - 215 | Macro 26 | step |
| | | | | 216 - 223 | Macro 27 | step |
| | | | | 224 - 231 | Macro 28 | step |
| | | | | 232 - 239 | Macro 29 | step |
| | | | | 240 - 243 | Macro 30 - Random rainbow effect from fast to slow | proportional |
| | | | | 244 - 249 | Random macro selection by audio control (Set microphone sensitivity in menu "PErS") | step |
| | | | | 250 - 255 | Auto random macro selection from fast to slow | proportional |
| 15 | 14 | 17 | 16 | 0 - 255 | Zoom Coarse zoom from min. to max.beam angle | proportional |
| 16 | | 18 | | 0 - 255 | Zoom fine Fine zoom movement | proportional |
| 17 | 15 | 19 | 17 | 0 - 31 | Shutter, strobe Shutter closed, <u>Lamp power reduced after 10 s to 400W</u> | step |
| | | | | 32 - 63 | Shutter open, <u>Full lamp power</u> | step |
| | | | | 64 - 95 | Strobe-effect from slow to fast (max.15 ashes/s) | proportional |
| | | | | 96 - 127 | Shutter open, <u>Lamp power reduced to 400 W</u> | step |
| | | | | 128 - 143 | Opening pulse in sequences from slow to fast | proportional |
| | | | | 144 - 159 | Closing pulse in sequences from fast to slow | proportional |
| | | | | 160 - 191 | Shutter open, <u>Electronic strobing „ZAP” from slow to fast</u> (from 7 to 33 ashes/s) | step |
| | | | | 192 - 223 | Random strobe-effect from slow to fast | proportional |
| | | | | 224 - 255 | Shutter open, <u>Full lamp power</u> | step |
| 18 | 16 | 20 | 18 | 0 - 255 | Dimmer intensity Dimmer intensity from 0% to 100% (In range of 0-8 DMX,lamp power reduced to 400W) | proportional |
| 19 | | 21 | | 0 - 255 | Fine dimmer intensity Dimmer intensity fine | proportional |